

## 8-002.07 UPPER SANTA ANA VALLEY - YUCAIPA

### Basin Boundaries

#### Summary

The Yucaipa groundwater subbasin underlies a portion of the San Bernardino Valley in southwestern San Bernardino County and northwestern Riverside County. The subbasin is bound on the north by surface drainage divides, the Crafton Hills, and the San Andreas fault. The subbasin is bound on the east by the Yucaipa Hills and on the south by the Banning fault and the boundary of the Beaumont (2004) groundwater adjudication. A surface water divide bounds the southwest side of the subbasin. The subbasin boundary is defined by 13 segments detailed in the descriptions below.

#### Segment Descriptions

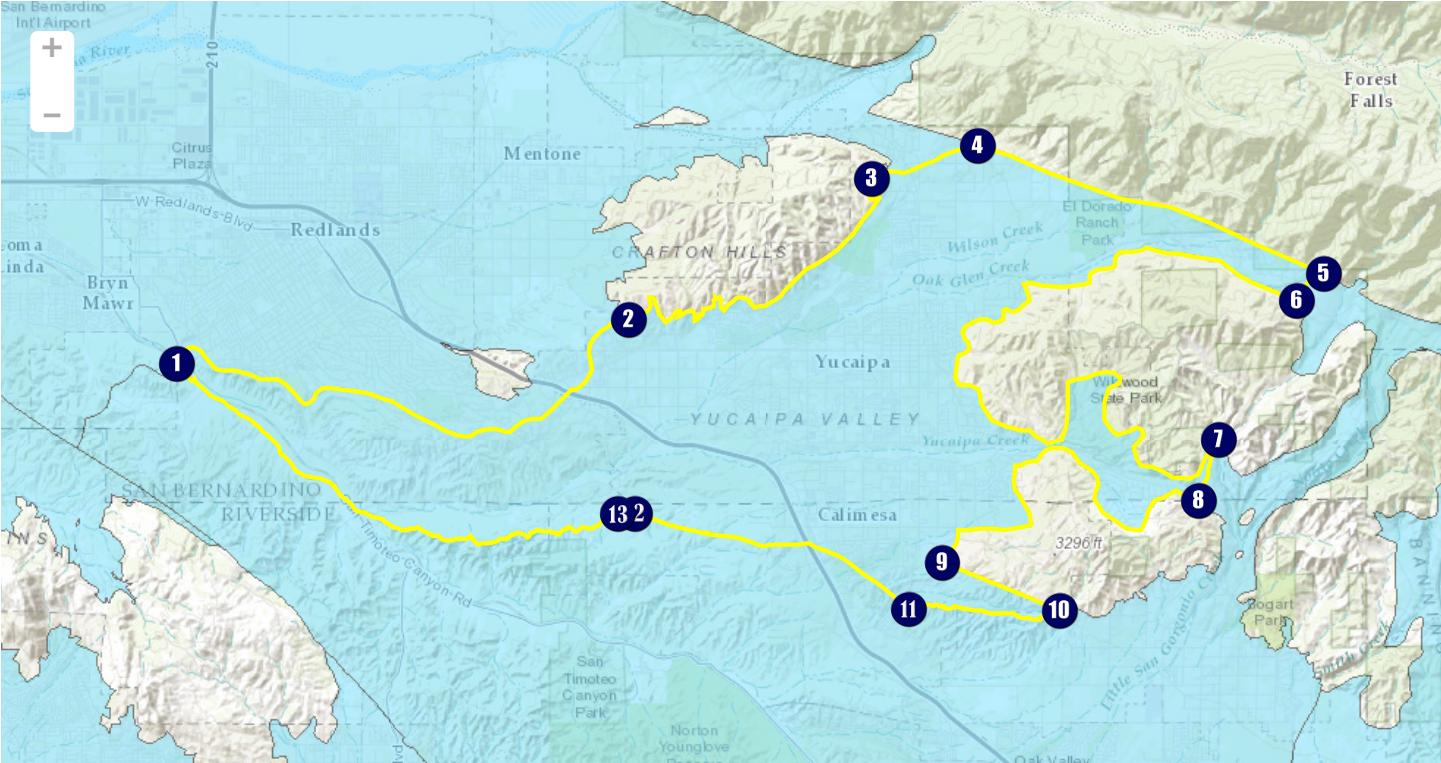
Segment Label	Segment Type	Description	Ref
1-2	Watershed	Begins from point (1) and generally follows the watershed boundary to point (2).	{a}
2-3	Alluvial	Continues from point (2) and generally follows the contact of Quaternary alluvium with Cretaceous Pelona Schist and Precambrian to Mesozoic metasedimentary rocks of the Crafton Hills to point (3).	{b}
3-4	Watershed	Continues from point (3) follows the watershed boundary to point (4).	{a}
4-5	Alluvial	Continues from point (4) and follows the San Andreas fault and the contact of Quaternary alluvium with the Miocene Potato Formation and the Precambrian to Mesozoic metasedimentary rocks to point (5).	{c}
5-6	Watershed	Continues from point (5) and follows the Oak Glen hydrologic subarea boundary to point (6).	{a}
6-7	Alluvial	Continues from point (6) and follows the contact of Quaternary alluvium with Precambrian to Mesozoic gneiss of the Yucaipa Hills to point (7).	{c}
7-8	Watershed	Continues from point (7) and follows the South Mesa hydrologic subarea boundary to point (8).	{a}
8-9	Alluvial	Continues from point (8) and generally follows the contact of Quaternary alluvium with Precambrian to Mesozoic metasedimentary rocks and Mesozoic plutonic rocks of the Yucaipa Hills to point (9).	{c}
9-10	Fault	Continues from point (9) and follows the Banning fault to point (10).	{d}
10-11	Watershed	Continues from point (10) and follows the Cherry Valley hydrologic subarea boundary to point (11).	{a}
11-12	Management Area	Continues from point (11) and follows the Beaumont (2004) judgment boundary to point (12).	{e}
12-13	Fault	Continues from point (12) and follows a concealed fault to point (13).	{c}
13-1	Watershed	Continues from point (13) and follows the Yucaipa hydrologic subarea boundary and ends at point (1).	{a}

#### Significant Coordinates

Point	Latitude	Longitude
1	34.031208289	-117.208672574
2	34.039592718	-117.102501622
3	34.066930937	-117.045619753
4	34.07353448	-117.020892432
5	34.048498655	-116.939353509
6	34.043454215	-116.945964143
7	34.016401119	-116.964104014
8	34.004465601	-116.969133404
9	33.992465806	-117.028982897
10	33.982864014	-117.001638571
11	33.983342257	-117.036922527
12	34.001796412	-117.101230006
13	34.001856296	-117.105299244

Map

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<http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=8-02.07>

References

Ref	Citation	Pub Date	Global ID
{a}	United States Geological Survey (USGS), National Hydrography Dataset, Watershed Boundary Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA). URL: <a href="http://datagateway.nrcs.usda.gov">http://datagateway.nrcs.usda.gov</a>	2016	49
{b}	California Geological Survey (CGS), Geologic Compilation of Quaternary Surficial Deposits in Southern California, T.L. Bedrossian, P. Roffers, C.A. Hayhurst, J.T. Lancaster, and W.R. Short. URL: <a href="http://www.conservation.ca.gov/cgs/fwgp/Pages/sr217.aspx">http://www.conservation.ca.gov/cgs/fwgp/Pages/sr217.aspx</a>	2012	50
{c}	California Geological Survey (CGS), Regional Geologic Map No. 3A, San Bernardino Quadrangle, 1:250,000, E.J. Bortungno and T.E. Spittler. URL: <a href="http://www.quake.ca.gov/gmaps/RGM/sanbernardino/sanbernardino.html">http://www.quake.ca.gov/gmaps/RGM/sanbernardino/sanbernardino.html</a>	1986	6
{d}	California Geological Survey (CGS), Geologic Atlas of California Map No. 019, Santa Ana Sheet, 1:250,000, Thomas H. Rogers. URL: <a href="http://www.quake.ca.gov/gmaps/GAM/santaana/santaana.html">http://www.quake.ca.gov/gmaps/GAM/santaana/santaana.html</a>	1965	25
{e}	California Department of Water Resources (DWR), Adjudicated Basins GIS layer, . URL: <a href="https://gis.water.ca.gov/app/bbat/">https://gis.water.ca.gov/app/bbat/</a>	2016	44

Footnotes

I: Internal

E: External